S/N: 10/763,438 Reply to Office Action of August 16, 2011

# **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition comprising water and:
- A) an ethoxylate of an alcohol present in an amount from about 0.1 to 3 g/l, the alcohol having Formula I:

### $R_1$ -OH I

wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 25 carbon atoms and the ethoxylate is a 10 to 41 mole ethoxylate;

- B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2; and
- C) at least one nonionic surfactant that is different than component A present in an amount from about 0.1 to about 3 g/l, wherein the cleaning composition has a water-break-free percent from 84% to 100%.
- 2. (Original) The cleaning composition of claim 1 wherein the cloud point of the cleaning composition is greater than about 125° F.
- 3. (Original) The cleaning composition of claim 1 wherein the cleaning composition is capable of cleaning an exterior wall of an aluminum can such that the percent of total surface area of the exterior wall which supports a continuous film of water is greater than 50% after the aluminum can is cleaned with the cleaning composition.
- 4. (Previously Presented) The cleaning composition of claim 1 wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms and the ethoxylate is a 10 to 25 mole ethoxylate.

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### 5-6. (Cancelled)

- 7. (Previously Presented) The cleaning composition of claim 1 wherein  $R_1$  is a mixture of straight-chain and branched alkyl.
- 8. (Original) The cleaning composition of claim 1 wherein R<sub>1</sub> is CH<sub>3</sub>(CH<sub>2</sub>)<sub>7</sub>-CH=CH(CH<sub>2</sub>)<sub>8</sub>-, CH<sub>3</sub>(CH<sub>2</sub>)<sub>17</sub>-, or CH<sub>3</sub>(CH<sub>2</sub>)<sub>13-14</sub>-.
- 9. (Previously Presented) The cleaning composition of claim 1 wherein component A is a 20 to 41 mole ethoxylate.

# 10-13. (Cancelled)

14. (Previously Presented) The cleaning composition of claim 1 wherein the at least one nonionic surfactant that is different than component A is a surfactant selected from the group consisting of propoxylated alcohols, polyethoxylated straight chain alcohols, modified polyethoxylated straight chain alcohols, alkyl polyethoxylated ethers with a propoxylate cap, modified oxyethylated straight chain alcohols, octylphenol polyethoxy ethanol, block-copolymers based on ethylene oxide and propylene oxide, and mixtures thereof.

### 15. (Cancelled)

- 16. (Currently Amended) The cleaning composition of claim 1 wherein the <u>inorganic pH adjusting component comprises</u> inorganic acid [[is]] present in a positive amount less than or equal to about 20 gram/liter of the cleaning composition.
- 17. (Previously Presented) The cleaning composition of claim 1 wherein the ratio of component A to the at least one surfactant that is different than component A is at least 1:1.

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### 18-79. (Cancelled)

- 80. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition comprising water and:
- A) an ethoxylate of an alcohol present in an amount from about 0.05 to 3 g/l, the alcohol having Formula I:

### $R_1$ -OH I

wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 25 carbon atoms and the ethoxylate is a 10 to 41 mole ethoxylate;

- B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2; and
- C) at least one nonionic surfactant that is different than component A present in an amount from about 0.05 to about 3 g/l, wherein the cleaning composition has a water break-free percent from 67% to 100%.
- 81. (Previously Presented) The cleaning composition of claim 80 having a cloud point of the cleaning composition is greater than about 125°F.

# 82-83. (Cancelled)

- 84. (Previously Presented) The cleaning composition of claim 80 wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms.
- 85. (Previously Presented) The cleaning composition of claim 80 wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 16 to 20 carbon atoms.

# 86-87. (Cancelled)

88. (Previously Presented) The cleaning composition of claim 80 wherein  $R_1$  is  $CH_3(CH_2)_7$ - $CH=CH(CH_2)_8$ -,  $CH_3(CH_2)_{17}$ -, or  $CH_3(CH_2)_{13-14}$ -.

89. (Previously Presented) The cleaning composition of claim 80 wherein component A is a 20 to 41 mole ethoxylate.

90-91. (Cancelled)

92. (Previously Presented) The cleaning composition of claim 80 wherein the at least one nonionic surfactant that is different than component A is a surfactant selected from the group consisting of propoxylated alcohols, polyethoxylated straight chain alcohols, modified polyethoxylated straight chain alcohols, alkyl polyethoxylated ethers with a propoxylate cap, modified oxyethylated straight chain alcohols, octylphenol polyethoxy ethanol, block-copolymers based on ethylene oxide and propylene oxide, and mixtures thereof.

93. (Currently Amended) The cleaning composition of claim 80 wherein the inorganic pH adjusting component comprises inorganic acid [[is]] present in a positive amount less than or equal to about 20 gram/liter of the cleaning composition.

94. (Previously Presented) The cleaning composition of claim 80 wherein the ratio of component A to the at least one surfactant that is different than component A is at least 1:1.

95-97. (Cancelled)

- 98. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition consisting essentially of water and:
- A) an ethoxylate of an alcohol present in an amount from about 0.1 to 3 g/l, the alcohol having Formula I:

## $R_1$ -OH I

wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 25 carbon atoms and the ethoxylate is a 10 to 41 mole ethoxylate;

- B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2; and
- C) at least one nonionic surfactant that is different than component A present in an amount from about 0.1 to about 3 g/l, wherein the cleaning composition has an average water-break-free percent from 84% to 100%.
- 99. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition consisting of water and:
- A) an ethoxylate of an alcohol present in an amount from about 0.1 to 3 g/l, the alcohol having Formula I:

## $R_1$ -OH I

wherein R<sub>1</sub> is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 80 carbon atoms;

- B) an inorganic pH adjusting component;
- C) at least one nonionic surfactant that is different than component A, wherein the cleaning composition has an average water-break-free percent reduction of less than 50% after 7 days aging,
  - (D) a fluoride component; and
  - (E) anti-foaming agent.

# 100. (Cancelled)

- 101. (Previously Presented) The cleaning composition of claim 1 wherein the pH of the cleaning composition is 1.0 to 1.8.
- 102. (Previously Presented) The cleaning composition of claim 1 wherein the pH of the cleaning composition is about 1.2 to about 1.5.
- 103. (Previously Presented) The cleaning composition of claim 1 wherein component A is a 10 15 ethoxylate and  $R_1$  has 12 to 18 carbon atoms.
- 104. (Currently Amended) A cleaning composition for formed metal articles, the cleaning composition consisting of water and:
- A) an ethoxylate of an alcohol present in an amount from about 0.1 to 3 g/l, the alcohol having Formula I:

### $R_1$ -OH I

wherein  $R_1$  is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 25 carbon atoms and the ethoxylate is a 10 to 41 mole ethoxylate;

- B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2; [[and]]
- C) at least one nonionic surfactant that is different than component A present in an amount from about 0.1 to about 3 g/l, wherein the cleaning composition has an average water-break-free percent from 84% to 100%;
  - D) optionally a fluoride component; and
  - <u>E)</u> <u>optionally anti-foaming agents.</u>
- 105. (Currently Amended) The cleaning composition of claim 104 further eonsisting of wherein the following components are present in the cleaning composition:
  - D) a fluoride component; and
  - E) optionally anti-foaming agents.

- 106. (Previously Presented) The cleaning composition of claim 1 further comprising (D) a fluoride component.
- 107. (Previously Presented) The cleaning composition of claim 106 wherein the composition has a millivolt value of about 5 mV to about 30 mV.
- 108. (Previously Presented) The cleaning composition of claim 106 wherein the inorganic adjusting component comprises an inorganic acid selected from the group consisting of sulfuric acid and nitric acid.

## 109. (Cancelled)

- 110. (Previously Presented) The cleaning composition for claim 1 wherein C) is an alkoxylated alcohol.
- 111. (Previously Presented) The cleaning composition of claim 106 wherein the composition has a positive mV value.
- 112. (Previously Presented) The cleaning composition of claim 1 wherein the composition has an aluminum dissolution rate from about 0.009 to 0.027 mg/cm<sup>2</sup>.
- 113. (New) The cleaning composition of claim 1 wherein the inorganic pH adjusting component comprises inorganic acid present in an amount of greater than about 1 gram/liter to an amount of less than about 20 grams/liter of the cleaning composition.
- 114. (New) The cleaning composition of claim 1 wherein the inorganic pH adjusting component comprises inorganic acid present in an amount of greater than about 3 gram/liter to an amount of less than about 12 grams/liter of the cleaning composition.